catalyzing a complex reaction of large molecules using said polymeric support.

12. A process for enzymatic extraction of biomolecules, comprising:

providing a polymeric support comprising one or more enzymes bonded thereto, wherein the polymeric support material has no pores or substantially no pores; and

extracting said biomolecules from the group consisting of peptides, proteins, oligosaccharides, and polysaccharides.

13. A process for extraction, comprising:

providing a polymeric support comprising one or more enzymes bonded thereto, wherein the polymeric support material has no pores or substantially no pores; and

extracting insulins or their analogs from corresponding precursors.

14. The process as in one of claims 11-13, in which said polymeric support material is a copolymer of the monomers methacrylamide and N,N'-bis(methacrylamide).

15. The process as claimed in claim 14, wherein said polymeric support material has oxirane group-containing monomers.

16. The process as claimed in claim 13, wherein said enzyme is bonded covalently to the support material with the aid of oxirane groups.

17. The process as claimed in claim 13, wherein said enzyme is trypsin.

18. The process as claimed in claim 13, wherein said enzyme immobilized on the support has an activity of .05 to .5 U/ml.

19. The process as claimed in claim 17, wherein said enzyme has an activity of 0.5 to .5 U/ml.

20. The process as claimed in claim 13, wherein the pH of the reaction is 6 to about 10.